

2nd World Congress on  
*Targeting Microbiota*  
Towards Clinical Revolution

Institut Pasteur, Paris - October 16-17, 2014



*List of Posters Accepted (by alphabetical order)*

Number	Title of Posters	Remarks
1	Brain variations of pro-inflammatory cytokines in mice susceptible to social defeat: a potential role for gut microbiota?	
2	Gut microbiome diversity in Kazakhstani women of different age groups	
3	Can vitamin D improve human health?	
4	Microbial life in strict carnivores: diversity and stability of the faecal core microbiota of captive cheetahs	

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5	Associations between Gut Microbiota and Lifestyle Characteristics in 1,122 Healthy Japanese Adults	
6	Embelin suppresses gut microbiota-induced proatherosclerotic metabolite, trimethylamine-n-oxide (TMAO) levels in choline-fed wistar rats	
7	Relationship between intestinal microbiota and clinical characteristics of patients with early stage breast cancer	
8	Immunomodulatory effect of H. pylori sonicate administration in a mouse model of experimental autoimmune encephalomyelitis	
9	Effects of lean seafood diet on human gut microbiomes	
10	Effects of E.coli proteins on host food intake and brain anorexigenic circuitries depend on bacterial nutritional status	
11	Prebiotic potential of chitooligosaccharide-glucose derivatives obtained by maillard reaction	
12	Crohn's Disease associated Adherent-Invasive Escherichia coli intestinal infection enhances spontaneous visceral hypersensitivity associated with low-grade inflammation and increased purinergic receptors levels	
13	Current Status of KCTC and Future Plan for Human Microbiota	
14	3D chip - an effective platform for detection of methicillin-resistant Staphylococcus aureus	
15	Effect of antibiotics and complex with selenium nanoparticles on viability and formation of biofilms by non-resistant and resistant Staphylococcus aureus	
16	Causative role of the intestinal microbiota in Crohn's disease-like ileitis	
17	Human gut microbiota in côte d'ivoire: relations with intestinal protozoa and viruses	
18	Biotic interactions and temporal dynamics of the human gastrointestinal microbiota	
19	Improvement of endurance of DMD animal model using natural polyphenols	

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20	Botanicals: A new class of prebiotic agent? The Rosemary extract example	
21	Suppression of TH2-Mediated Airway Inflammation by probiotic bacteria, Bifidobacterium longum	
22	Fate and impact of bread melanoidins in the human gastrointestinal tract using in-vitro models	
23	When the microbiota and host immunity go awry - Severe dysbiosis and life-threatening antibiotic-associated enterocolitis in critically ill intensive care unit patients.	
24	Probiotics can exert profoundly different effects on the intestinal microbial ecosystem of healthy subjects depending on the product formulation: comparison of two randomized, double-blind, crossover, placebo-controlled intervention studies	
25	In vitro assessment of the fermentation properties and potential prebiotic of brewer's spent cassava	
26	In vitro fermentation of dietary fibers with human fecal microbiota	
27	Footprints of Pseudomonas aeruginosa early colonization on airway microbiota of patients with cystic fibrosis: new perspective in identifying early biomarkers of lung disease progression?	
28	Chronic Trichuris muris infection dramatically alters the murine intestinal microbiota	
29	Antimicrobial food additives influence the diversity of the human gut microbiota	
30	Gut microbial metabolism drives transformation of Msh2-deficient colon epithelial cells.	
31	Subversion of human intestinal mucosa innate immunity by a Crohn's disease-associated E. coli	
32	Fresh, frozen or lyophilized fecal microbiota transplantation (fmt) for multiple recurrent c. difficile infections (CDI)	
33	Spatial characteristics of mucosal microbiota and fecal microbiota in healthy individuals	

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34	Identification of CD4CD8 $\alpha$ DP8 $\alpha$ T cells as a new human regulatory T cell subset induced by Faecalibacterium prausnitzii and deficient in patients with inflammatory Bowel Disease.	
35	Synbiotic impact on gut microbiota and health of individuals with <b>metabolic syndrome</b>	
36	The gut microbiome during low caloric-diet weight loss and protein supplemented weight loss maintenance in obese humans.	
37	Erysipelothrix koreani sp. nov., isolated from Korean fecal sample	
38	<b>The personality and gut microbiome</b>	
39	Fecal Microbiota Transplantation for <b>Clostridium difficile</b> Infection: "The Success Story of THE Ultimate Probiotic"	
40	The oral microbiota in healthy infants from 6 to 24 months of age: a longitudinal study	
41	Influence of Folate deficiency on One-carbon metabolism and Folate status in a mouse model taking into account a defined Microbiota - Development of Analytical Methods	
42	Obesity resistance of germfree mice is dependent on the dietary fat source	
43	Early probiotic administration to offspring born to antibiotic-treated sows generates long-lasting, mast-cell dependent gut permeability alterations	
44	<b>Gut microbiota encodes signaling pathways signatures involved in control of food intake and regulation of body weight</b>	
45	Identification of metabolic signatures linked to anti-inflammatory effects of Faecalibacterium prausnitzii.	
46	Antinociceptive and barrier protection effects of faecalibacterium prausnitzii in a non-inflammatory visceral IBS-like model	
47	Optimization of next generation sequencing technologies for identifying organ specific microbiota in mammals.	

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48	Bacteriomic profiling reveals potential etiology for vascular endothelial growth factor-tyrosine kinase inhibitor (VEGF-TKI)-related diarrhea in patients with metastatic renal cell carcinoma (mRCC)	
49	A distinct salivary microbiome in obese women with polycystic ovary syndrome (PCOS)	
50	Bioprocess with probiotic bacteria and selected enzymes to increase the bioactive isoflavones in soymilk, usually produced by microbiota	
51	Development of an enzymatic process of biotransformation to obtain an exclusive microbiota soy isoflavone bioactive metabolite (Equol)	
52	Human microbiota biobank (HUMB)	
53	Galectin-glycan interactions at the crossroads between commensal microbiota and T cell function	
54	Changes in the composition and activity of a complex microbiota developed in a Simulator of the Human Intestinal Microbial Ecosystem after addition of Lactobacillus plantarum IFPL935	
55	Potential prebiotic activity of phenolic compounds-enriched virgin olive oil and its influence on lipid metabolism in hypercholesterolemic humans.	
56	Administration of a multistrain probiotic product (VSL#3) to women in the perinatal period differentially affects breast milk beneficial microbiota in relation to mode of delivery	
57	Virtual mitochondrion	
58	Importance of the intestinal microbiota composition in entamoeba histolytica infections	
59	A cooked cranberry bean-enriched diet alters the microbiota, improves gut health and mitigates colitis severity	
60	Sexual dimorphism in host-gut microbiota co-metabolism of the metabolic syndrome	
61	Characterization and identification of microorganisms by capillary electrophoretic techniques	

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62	Toll-like receptor 5 in obesity and metabolic disorders – the role of gut microbiota and adipose tissue inflammation	
63	Dose-dependent preventive effect of Lactobacillus reuteri CRL 1324 on Group B Streptococcus vaginal colonization in an experimental mouse model	
64	Overproduction of indole by gut microbiota increases anxiety and depressive-like behaviours in rats.	
65	In vitro and in vivo selection of probiotic strains with prophylactic properties in Allergy	
66	Conserved symbiosis between Akkermansia muciniphila and its mammalian host	
67	Piceatannol, a natural polyphenolic compound, alters gut microbiota composition in a rat model of obesity	
68	Chemical biology strategies for interrogating and imaging pathogenic bacteria	
69	Novel prebiotic sugars produced by non-conventional yeast glycosyl hydrolases targeted to specific probiotic species	
70	Dietary flaxseed alters fecal microbial community structure and activity in healthy male mice	
71	Dietary Impact on Gut Microbiota and Behavior of BALB/c Mice	
72	Microbiota and the olfactory epithelium: impact on odorant detection	
73	Targeting the microbiome in <b>chronic kidney disease</b>	
74	Tonsillar microbiota among children with PFAPA syndrome and controls	
75	Gut microbiota composition of newborn babies	
76	Probiotics and Heat Shock proteins in <b>Ulcerative Colitis</b>	
77	The role of human microbiota and peritoneal dialysis related infections	

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78	Diet Matters: LPS in the Mouse Chow Influences the Level of Allergic Sensitization in Germ-Free Conditions	
79	Bacterial sepsis and perturbed maturation of the gastrointestinal microbiota in premature infants	
80	Dysbiosis anticipating necrotizing enterocolitis in very premature infants	
81	Characterizing the host and microbial proteome at the mucosal-luminal interface in new-onset pediatric inflammatory bowel disease	
82	Could a uremic toxin from gut microbiota modulate NF- $\kappa$ B/Nrf2 expression in hemodialysis patients?	
83	Understanding the Dynamics of <b>Ulcerative Colitis</b>	
84	Evaluation of human keratin-adhesion ability of probiotic strains	
85	The microbiota structures the colonic epithelium: role of two commensals ( <i>Bacteroides thetaiotaomicron</i> and <i>Faecalibacterium prausnitzii</i> ) in the mucus production	
86	Biofilm production by lactobacillus strains of human origin and its role in the colonization	
87	NLRP12 negatively regulates NOD2-driven adjuvanticity, endotoxemia and host defence.	
88	A proteasome inhibitor bortezomib enhances cancer cell death by blocking the autophagic flux	
89	<i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> L.casei W8® protects against weight gain, fat storage and insulin-dysregulation in a diet-induced obesity model in Sprague Dawley rats	
90	The risk of developing HCC is associated with intestinal dysbiosis	
91	Quorum sensing peptides: missing link between microbiome and health?	
92	Tongue Microbiome in Edentulous Infants and Dentate Children	

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*Schedule of Posters Sessions*

**Morning Break - From 10h40 to 11h10**

**Lunch Break - From 13h00 to 14h00**

**Afternoon Break - From 16h15 to 16h45**

**Network Session with Posters Presenters - From 18h30 to 19h30**

**Morning Break - From 10h30 to 11h00**

**Lunch Break - From 13h15 to 14h00**

**Afternoon Break - From 16h00 to 16h30**

